Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 31 Jan 2022 until 23:59 on Tuesday 01 Feb 2022

Forecast Issued on Monday 31 Jan 2022 at 01:06

Confidence: High for a largely fine but cold and windy day through Monday and for a generally windy and rather unsettled week, although lower for timing for the various rain bands, especially on Thursday.

Headline for Monday 31 Jan 2022: Sunny spells and a few snow showers. Rain later. Winds easing.

Mountain weather hazards on Monday 31 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Mist	Light rain
Precipitation probability					
20%	20%	20%	20%	10%	40%

Forecast for Monday 31 Jan 2022

Weather: Clear or sunny spells through the morning and afternoon, with a few snow showers around, these mainly over western hills. Increasing cloud through the evening brings outbreaks of rain towards midnight.

Chance of cloud-free hill tops above 600m: Around 75% falling to zero by late evening.

Low cloud and visibility: Occasional cloud above 600m through much of the day becoming periods of persistent above 450-600m by late evening. Otherwise visibility very good falling briefly to a kilometre or so in snow showers and to several kilometres in rain later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 31 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/42 NW	28/38 NW	27/37 NW	22/30 NW	20/27 W	21/29 W	28/39 W
300	25/33 NW	21/30 NW	22/32 NW	18/26 NW	13/21 W	16/25 W	22/32 W
Valley	15/32 NW	16/35 NW	14/28 NW	13/26 NW	8/20 W	11/23 W	15/31 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-10	-1/-9	1/-7	1/-6	1/-6	2/-4	3/-4
300	2/-5	2/-4	3/-2	4/-2	3/-1	4/-1	5/-0
Valley	2/-3	2/-3	4/0	5/1	4/1	4/1	6/1
Freezing Level*	200m	300m	500m	600m	700m	1000m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph over higher peaks at first, then nearer 50mph through the morning. Severe chill effect, especially in morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 31 Jan 2022	6.6mm	8mm	8.2mm

Forecast for Tuesday 01 Feb 2022

Weather: Overnight rain and drizzle persisting through the morning with any clearance likely to be around mid-afternoon. A windy day with best chance of brighter conditions across eastern hills.

Maximum wind: Westerly or northwesterly 30-35mph, with gusts around 55mph over ridges and summits, easing in evening.

Chance of cloud-free hill tops above 600m: Little chance at first but becoming 40% by afternoon in the west and 75% in east.

Low cloud and visibility: Periods of persistent cloud above 450-600m, but nearer 300m in west at first, becoming periods above 600m by mid-afternoon and more occasional in afternoon in east. Visibility rather hazy falling to several kilometres in rain becoming very good by mid-afternoon.

Temperature: **Valleys:** Around plus 4 or 5 Celsius at dawn rising to plus 11 or 12 Celsius by day
At 600m: Around plus 6 Celsius
Freezing level: Above the summits

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